Use Attainability Analysis

for

WBID 0786 Petite Saline Creek

Submitted by Missouri Department of Natural Resources Staff

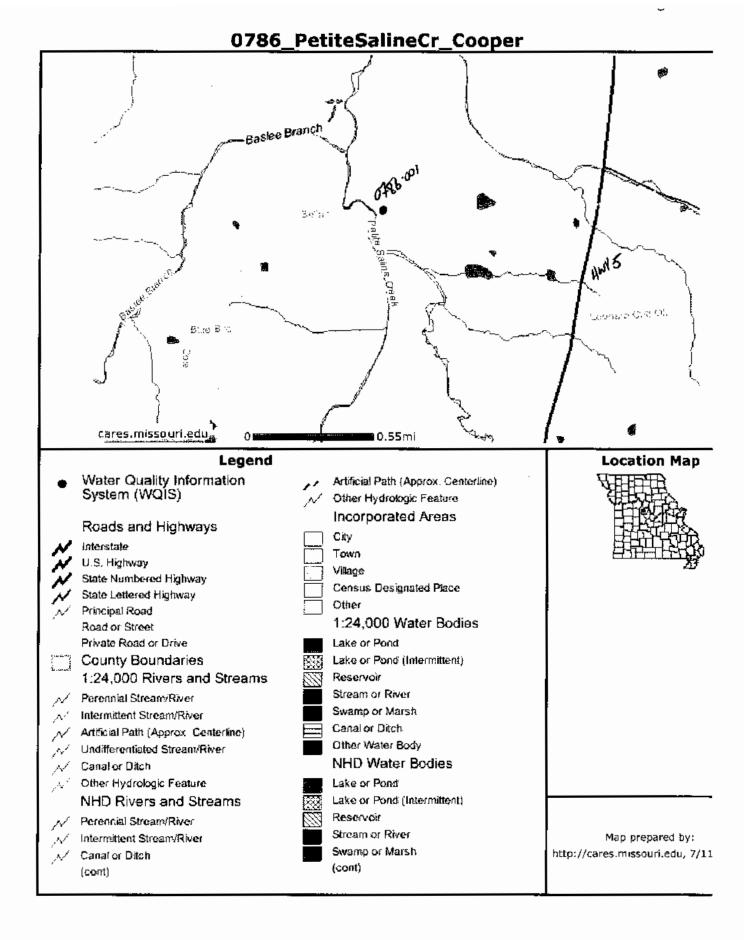
To Missouri Department of Natural Resources Water Protection Program

JUL 1 4 2005

Field Data Sheets for Recreational Use Stream Surveys TEN PROTECTION PROGRAM

Data Sheet A - Water Body Identification

	Water Body Name (from USGS 7.5' quad): Vetite Saine Cr. 8-digit HUC: 10300 102
	8-digit HUC: /0300/02 Missouri WBID #: /7486
Ì	County: Cooper
!	Upstream Legal Description: Bellaire
	Downstream Legal Description: Speed Or.
	Upstream Coordinates: N38.83983 W092.86109
	Downstream Coordinates: N 38, 89533 W 092, 19462
	Discharger Facility Name(s): Pilot Grove WWTF
	Discharger Permit Number(s): Mo 0093046
	Number of Sites Evaluated: 3
	Name of Surveyor and Telephone Number: faron Ble Saum 816-622-7018
	Organization: Mo OWA - KCRO
	Position: Enr. Specialist
	he undersigned, hereby affirm to the best of my knowledge, that all information reported on this UA asheet is true and accurate.
	ned: Date: 7/13/05



0786_PetiteSalineCr_Cooper arigo comes Coon Cree Caser Greek cares, misso uri, edu_o, 0.55mi **Location Map** Legend Water Quality Information Artificial Path (Approx. Centerline) System (WQIS) Other Hydrologic Feature Incorporated Areas Roads and Highways €ity Interstate Town U.S. Highway Village State Numbered Highway Census Designated Place State Lettered Highway Other Principal Road 1:24,000 Water Bodies Road or Street Private Road or Drive Lake or Pond County Boundaries Lake or Pond (Intermittent) Reservoir 1:24,000 Rivers and Streams Stream or River Perennial Stream/River Swamp or Marsh Intermittent Stream/River Canal or Ditch Artificial Path (Approx. Centerline) Other Water Body Undifferentiated Stream/River NHD Water Bodies Canal or Ditch Other Hydrologic Feature Lake or Pond NHD Rivers and Streams Lake or Pond (Intermittent) Reservoir Perennial Stream/River Stream or River Map prepared by: Intermittent Stream/River Swamp or Marsh http://cares.missouri.edu, 7/11 Canal or Ditch

(cont)

(cont)

0786_PetiteSalineCr_Cooper Friedrich Lake cares, missouri, edu... Legend Location Map Water Quality Information Artificial Path (Approx. Centerline) System (WQIS) Other Hydrologic Feature Incorporated Areas Roads and Highways City Interstate Town U.S. Highway Village State Numbered Highway Census Designated Place State Lettered Highway Principal Road 1:24,000 Water Bodies Road or Street Lake or Pond Private Road or Drive County Boundaries Lake or Pond (Intermittent) 1:24,000 Rivers and Streams Reservoir Stream or River Perennial Stream/River Swamp or Marsh Intermittent Stream/River Canal or Ditch. Artificial Path (Approx. Centerline) Other Water Body Undifferentiated Stream/River NHD Water Bodies Canal or Ditch Other Hydrologic Feature Lake or Pond Lake or Pond (Intermittent) NHD Rivers and Streams Reservoir Perennial Stream/River Stream or River Map prepared by: Intermittent Stream/River Swamp or Marsh http://cares.missouri.edu, 7/11 Canal or Ditch (cont) (cont)

Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missouri WBID#:	1786-001		Site Location De	escription:	ver Co.		
Site GPS Coordinates:	138. 83982	W092.Bbl	19	Site Location Description: Bellaire L. Cooper Co. Facility Name: Pilot Grove WATF			
Date & Time: 7/1	3/05 12:	21 Pm	Facility Name:	Pilot Grove WWT	F"		
Personnel: Aaron	Bleibaur		Permit Number:	MO 0093076			
Current Weather Conditi	ions: Cloudy	80'F	Weather Condit	Weather Conditions for Past 7 days: //pt, Dcg			
Photo Ids: Upstream: 3		wnstream: 34	5 - 36 Othe	1 37 ~ 0il	<i>/</i> - <i>/</i>		
ses Observed*:	T =						
Swimming	Skin diving	□ sc	CUBA diving	Tubing	Water skiing		
☐ Wind surfing	☐ Kayaking	□Bo	oating	Wading	Rafting		
☐ Hunting	Trapping	🔲 Fis	shing	▼ None of the above	Other:		
Describe: (include numb	er of individuals re	creating, frequ	ency of use, photo-	documentation of evidence	of recreational uses, etc.)		
rrounding Condition				uses. Attach photos of evider			
rrounding Condition		promote or in					
rrounding Condition	ns*: (Mark all that	promote or in	npede recreational u	ses. Attach photos of evider	nce or unusual		
rrounding Condition ms of interest.) City/county parks	Is*: (Mark all that	promote or in	npede recreational u onservation lands l forests	ses. Attach photos of evider Urban areas Nature trails	nce or umusual		
rrounding Condition ms of interest.) City/county parks Boating accesses No trespass sign	IS*: (Mark all that Playgrounds State parks Fence	promote or in MDC co	npede recreational u onservation lands l forests	ses. Attach photos of evider Urban areas Nature trails	nce or umusual Campgrounds Stairs/walkway		
rrounding Condition ms of interest.) City/county parks Boating accesses	IS*: (Mark all that Playgrounds State parks Fence	promote or in MDC co	npede recreational u onservation lands l forests	ses. Attach photos of evider Urban areas Nature trails	nce or umusual Campgrounds Stairs/walkway		
rrounding Condition ms of interest.) City/county parks Boating accesses No trespass sign	Is*: (Mark all that Playgrounds State parks Fence	promote or in MDC co	npede recreational u onservation lands l forests opes	Ses. Attach photos of evider Urban areas Nature trails Other: Fams	Campgrounds Stairs/walkway		

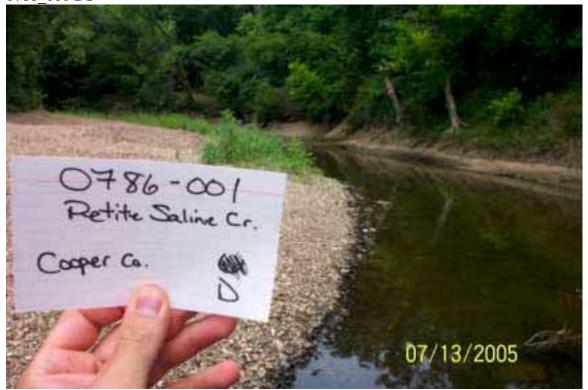
*Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

	C)48b-00	Data Sheet	B - Site Character	ization		
Page Two –	WBID#	<u></u> :					
Stream Mor							
			imensions:				
Riffle R	Width (ft)):	Length (ft):	Avg. Depth (t	ft):	Max. Depth (ft):	
Run	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):	
Pool	Width (ft): 35	Length (ft): 50	O Avg. Depth (ft): 1.56+	Max. Depth (ft):	2.5 ft
Flow	Present?		□No	Estimated (ft ³	/sec): 0.	25 Ft 3/sac	
Downstre	am View	Physica	l Dimensions:				
Riffle	Width (ft):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):	
Run	Width (ft)):	Length (ft):	Avg. Depth (ft):	Max. Depth (ft):	
Pool			Length (ft): 10	Avg. Depth (ft): 1. 0 FH	Max. Depth (ft):	1.5 Ft
Flow		∑ Yes	□No	Estimated (ft ²	/sec): O.	25 ft /sec	
			add up to 100%.)		0 (5)		
40 %	6 Cobble	40	% Gravel /0	% Sand 30	% Silt	% Mud/Clay	% Bedrock
Aquatic Vea	etation*	: (note amo	unt of vegetation or a	algal growth at the asses	ssment site)		
5%	سرجال	· (riote winn	Junio de l'againment et a	<u></u>	******************		, -
							· ·
					 		
Water Char	actoristi	e*• (Marl	(all that apply.)				
Odor:	<u>acici 1311</u>	Sewage	Musky	☐ Chemical	None	Other:	
Color:		Clear	Green	Gray	Milky	Other:	
Bottom De	posit:	Sludge	Solids	Fine sediments	None	Other:	
Surface De	posit:	Z Oil	☐ Scum	Foam	☐ None	Other:	
Comments:	Please att	tach addi	tional comments (including information	on from inte	rviews) to this form	1.
This informati	on is not to	be used so	olely for removal of a	recreational use designa	ation but rather	r is to provide a more	
comprehensive	understand	ing of wate	er conditions. Conseq	uently, this information	i is not intende	ed to directly influence a	a
lecision on the	recreation	use analysi	s but may point to cor	nditions that need further	er analysis or t	hat effect another use.	
l. the unders	signed, h	ereby afi	firm to the best of	f my knowledge, th	nat all infor	mation reported o	n this UAA
latasheet is	•	*		• 57		•	
	1	11	' _{''}	_	1/2/-		
Signed:	pain	De	heir	Date:	7/15/00		
Iroanization	. M	DAID	four - KCRO	Position	Fry	Specialist	
organization	· // /8	0/10	runi.	1 051001		quicialio,	

0786 001 DS



0786_001 DS



0786_001 DS Oil



0786_001 US



0786_001 US



Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

City CDC Chandings 4	186-002		Site Location Description: Mile Corner Rd Corper Co. Facility Name: Pilot Grove WWTF						
Site GPS Coordinates:	V38.8667 W	092.86648							
· · · · · ·	105 12:09		Facility Name: Pilot Grove WWIF						
Personnel: Actor	. Bleiban		Permit Number: MO 0093046 Weather Conditions for Past 7 days: Het Des						
Current Weather Condition	ions: Path Cloud	80.E							
Photo Ids: Upstream: 29-30 Downstream: 31-32 Other:									
ses Observed*:									
Swimming	Skin diving		BA diving	☐ Tubing	☐ Water skiing				
☐ Wind surfing	☐ Kayaking	☐ Boat	ing	□ Wading	Rafting				
Hunting	Trapping	Fish	ing	Mone of the above	Other:				
Describe: (include numb	er of individuals rec	reating, freque	ncy of use, photo-	-documentation of evidence	of recreational uses, etc.)				
·									
					<u>,,</u> .				
arrounding Condition	18*: (Mark all that p	promote or imp	ede recreational u	ises. Attach photos of evider	nce or unusual				
ems of interest.)	. —			<u> </u>					
City/county parks	☐ Playgrounds	☐ MDC con	servation lands Urban areas		☐ Campgrounds				
					Campgrounds				
☐ Boating accesses	State parks	National f	orests	☐ Nature trails	Campgrounds Stairs/walkway				
☐ Boating accesses ☐ No trespass sign	State parks Fence	☐ National f		☐ Nature trails	Stairs/walkway				
☐ No trespass sign	Fence	-							
☐ No trespass sign	Fence	-		☐ Nature trails	Stairs/walkway				
□ No trespass sign vidence of Human Use Roads	Fence e*:	Steep slop	es ck/platform	□ Nature trails ☑ Other: Farm land □ Livestock Watering	Stairs/walkway Messby hisestock RV / ATV Tracks				
No trespass sign vidence of Human Use Roads Rope swings	Fence	Steep slop	es	Nature trails Other: Farm land	Stairs/walkway				
□ No trespass sign vidence of Human Use Roads	Fence e*:	Steep slop	es ck/platform	□ Nature trails ☑ Other: Farm land □ Livestock Watering	Stairs/walkway Messby him stack RV / ATV Tracks				

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

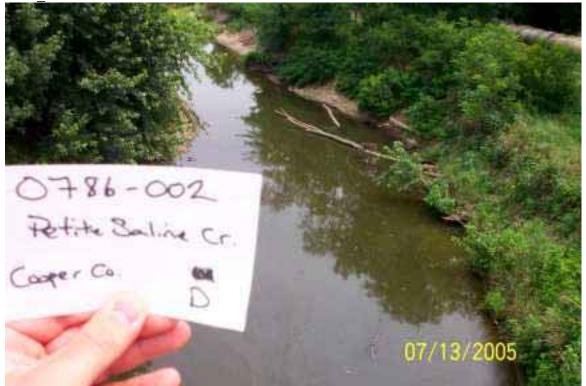
*Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Avg. Depth (ft): Estimated (ft³/sec): Avg. Depth (ft): Avg. Dep
Avg. Depth (ft): .25f+ Max. Depth (ft): 2.0f+ Estimated (ft ³ /sec): .) 5 ff ³ /sec Avg. Depth (ft): Max. Depth (ft): Avg. Depth (ft): Max. Depth (ft): Avg. Depth (ft): / 75 ff Max. Depth (ft): 2.5 ff Estimated (ft ³ /sec): 0.25 ff ³ /sec Sand 40 % Silt % Mud/Clay % Bedro
Estimated (ft³/sec): ().) 5 ft³/sec Avg. Depth (ft): Max. Depth (ft): Avg. Depth (ft): Max. Depth (ft): Avg. Depth (ft): /75 ft Max. Depth (ft): 2.5 ft Estimated (ft³/sec): ().25 ft³/sec Sand 40 % Silt % Mud/Clay % Bedro
Avg. Depth (ft): Max. Depth (ft): Avg. Depth (ft): Max. Depth (ft): Avg. Depth (ft): /75 ff Max. Depth (ft): 2.5 ff Estimated (ft ³ /sec): 0.25 ff ³ /sec Sand 40 % Silt % Mud/Clay % Bedro
Avg. Depth (ft): Max. Depth (ft): Avg. Depth (ft): / 75 ft Max. Depth (ft): 2.5 ft Estimated (ft ³ /sec): 0.25 ft ³ /sec 6 Sand 40 % Silt % Mud/Clay % Bedro
Avg. Depth (ft): Max. Depth (ft): Avg. Depth (ft): / 75 ff Max. Depth (ft): 2.5 ff Estimated (ft ³ /sec): 0.25 ff ³ /sec 6 Sand 40 % Silt % Mud/Clay % Bedro
Avg. Depth (ft): / 75 ff Max. Depth (ft): 2.5 ff Estimated (ft ³ /sec): 0.25 ff ³ /sec 6 Sand 40 % Silt % Mud/Clay % Bedro
Estimated (ft ³ /sec): 0.25 ft ³ /sec 6 Sand 40 % Silt % Mud/Clay % Bedre
Estimated (ft ³ /sec): 0.25 ft ³ /sec 6 Sand 40 % Silt % Mud/Clay % Bedre
6 Sand 40 % Silt % Mud/Clay % Bedr
Chemical None Other:
☐ Chemical ☐ None ☐ Other: ☐ Gray ☐ Milky ☐ Other: Murky

0786 002 DS



0786_002 DS



0786_002 US







Data Sheet B - Site Characterization

(A separate data sheet must be completed for each site)

Missourí WBID#:	296.003		Site Location Description: Speed Dr Cooper Co.						
Site GPS Coordinates: N	38. 89531 WM	.19459							
1 4/	105 11:411		Facility Name:						
Personnel: Haron	Blebour		Permit Numbe	or:					
Current Weather Condition		80°F	Weather Conditions for Past 7 days: Hot Dry						
Photo Ids: Upstream:	25-26 Downs	tream: 27							
Uses Observed*:		· · · · · · · · · · · · · · · · ·							
Swimming	Skin diving	SCU	ЉA diving	☐ Tubing	Water skiing				
☐ Wind surfing	☐ Kayaking	Boa	ting	Wading	Rafting				
Hunting	Trapping	☐ Fish	ing	☐ None of the above	Other: Fireworks				
)									
Surrounding Condition items of interest.)	\$*: (Mark all that pro	mote or imp	ede recreational	uses. Attach photos of evider	nce or unusual				
City/county parks	Playgrounds	MDC con	servation lands	Urban areas	Campgrounds				
☐ Boating accesses	☐ State parks ☐	National f	forests	☐ Nature trails	Stairs/walkway				
☐ No trespass sign	☐ Fence	Steep slop	oes	Other: Timber	com fields				
Evidence of Human Use	*:			Dense veg	dation on banks				
Roads	Foot paths/prints		ock/platform	Livestock Watering	RV / ATV Tracks				
Rope swings	Camping Sites	☐ Fi	re pit/ring	☐ NPDES Discharge	Fishing Tackle				
Other: Ficeworks									

Site Locations Map(s): Attach a map of entire segment with assessment sites clearly labeled. Mark any other items that may be of interest. (Include photographs)

^{*}Some of this information is not intended to directly influence a decision on any one particular recreational use analysis but may point to conditions that need further analysis or that effect another use.

Page	Two -	WBID#_	0486-00 :	3 Data Sho	eet B - S	ite Character	ization		
		phology: View Pl		imensions:				· .	
F	Riffle	Width (ft)	•	Length (ft):		Avg. Depth (ft):	Max. Depth (ft):	
2	Run	Width (ft)): 15	Length (ft):	50	Avg. Depth (ft): 1 FF	Max. Depth (ft):	7.5RH
Ē	Pool	Width (ft)		Length (ft):		Avg. Depth (-	Max. Depth (ft):	<u> </u>
D	Flow	Present?	≇ Yes	□No		Estimated (ft	³ /sec): 0.:	5 ft³kec	
De	ownstre	am View	Physica	l Dimensions:		<u></u>			
	Riffle	Width (ft)):	Length (ft):		Avg. Depth (ft):	Max, Depth (ft):	
2	Run	Width (ft)	:15	Length (ft):	50	Avg. Depth (ft): 1.0C+	Max. Depth (ft):	1.5F+
	Pool	Width (ft)):	Length (ft):		Avg. Depth (ft):	Max. Depth (ft):	
5	Flow	Present?	₩ Yes	□ No		Estimated (ft	$^{3/\mathrm{sec}}$: $O.7$	5 ff3/gec	
Aqu	atic Veg		(note amo			Sand (OO)	% Silt	% Mud/Clay 	% Bedrock
Wate				c all that apply.)					
	dor:		Sewage	Musky		Chemical	None	Other:	
C	olor:		Clear	Green		Gray	Milky	Other: Murky	
В	ottom De		Sludge	☐ Solids		Fine sediments	None	Other:	
S	urface De	posit:] Oil	Seum		Foam	None	Other:	
*This compr decision	information the information on the information on the information on the information of t	on is not to understand recreation t	be used so ing of wate use analysi ereby aff	olely for removal of er conditions. Con s but may point to firm to the bes	of a recrea nsequently o condition	ational use design y, this information as that need furthe	ation but rathen is not intende er analysis or t	r is to provide a more and to directly influence a hat effect another use. mation reported on	this UAA
Signe	ed:	Rus	- Bi	e bow		Date:	7/13/65	Speculist	_
Orgai	nization		ONR	• 		Position	ENV.	Speculist	

0786 003 DS



0786_003 DS



0786 003 US



0786_003 US

